



PTO/SB/21 (09-04)

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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

4

Application Number	10/625,205
Filing Date	July 22, 2003
First Named Inventor	Jason Davis
Art Unit	2621
Examiner Name	Not Known
Attorney Docket Number	C03-003

DRW

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts <small>under 37 CFR 1.52 or 1.53</small>	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD  <input type="checkbox"/> Remarks	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): <small>Copies of cited references Postcard</small>

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Cognex Corporation		
Signature			
Printed name	Arthur J. O'Dea		
Date	7/12/2005	Reg. No.	42952

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Cheryl Sloane

Date

7/12/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jason Davis      Examiner: Unknown  
Serial No.: 10/625,205      Group Art Unit: Unknown  
Filed: July 22, 2003      Docket: C03-003  
Title: METHODS FOR FINDING AND CHARACTERIZING A DEFORMED  
PATTERN IN AN IMAGE

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 03-2357 in order to have this Supplemental Information Disclosure Statement considered.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

In accordance with the Patent and Trademark Office's waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i), copies of the listed U.S. patents are not enclosed because the current application has been filed after June 30, 2003.

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Serial No :10/625,205

Filing Date: July 22, 2003

Title: METHODS FOR FINDING AND CHARACTERIZING A DEFORMED PATTERN IN AN IMAGE

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Dkt: C03-003

In accordance with the waiver of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and publication for all U.S. national patent applications filed after June 30, 2003, only copies of the foreign references and other documents are enclosed.

Respectfully submitted,

JASON DAVIS

By his Representatives,

Cognex Corporation  
One Vision Drive  
Natick, MA 01760  
508-650-3108

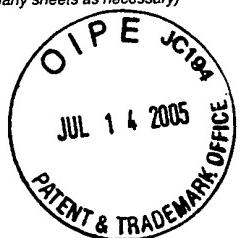
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Cheryl Sloane  
Name

Cheryl Sloane  
Signature

Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*



Complete if Known

Application Number	10/625,205
Filing Date	July 22, 2003
First Named Inventor	Davis, Jason
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 1

Attorney Docket No: C03-003

**US PATENT DOCUMENTS**

Examiner Initial *	Cite No. *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. *	Foreign Document No Country Code – Number – Kind Code (if known)	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BOOKSTEIN, F L., "Principal Warps: Thin-Plate Splines and the Decomposition of Deformations", <u>IEEE Transactions on pattern Analysis and Machine Intelligence</u> , IEEE Inc., New York, Vol. 11, No. 6,(6/1/1989),	
		J, MICHAEL F., et al., "Handbook of Medical Imaging", <u>Vol. 2: Medical image Processing and Analysis</u> ", SPIE Press, Bellingham, WA,(2000),Chapter 8	
		STOCKMAN, G , et al., "Matching images to models for registration and object detection via clustering", <u>IEEE Transaction of Pattern Analysis and Machine Intelligence</u> , IEEE Inc., New York, Vol. PAMI-4, No. 3,,(1982),	
		ZHANG, ZHENGYOU , "Parameter estimation techniques: A tutorial with application to conic fitting", <u>Imag Vision Comput; Image and Vision computing</u> ; Elsevier Science Ltd, Oxford England, Vol. 15, No. 1,(1/1/1997),	

**EXAMINER****DATE CONSIDERED**